

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved,
Budget Bureau No. 42-R1425.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Adobe Oil Company

3. ADDRESS OF OPERATOR
 601 Ghls Tower East, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 1980' FNL & 1980' FWL
 At proposed prod. zone Morrow

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 20 miles SW Eunice, N. M.

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest dric. unit line, if any) 660'

16. NO. OF ACRES IN LEASE 320 **NO. OF ACRES ASSIGNED TO THIS WELL** 320

18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None **19. PROPOSED DEPTH** 13,500 **20. ROTARY OR CABLE TOOLS** rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3365' Gr. **22. APPROX. DATE WORK WILL START*** 10/25/74

5. LEASE DENOMINATION AND SERIAL NO.
 N/A 5035 ~~5000000~~

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 "AA" Federal

9. WELL NO.
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10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Unit "F", Sec 10, T-23-S, R-34-E

12. COUNTY OR PARISH Lea **13. STATE** New Mexico

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94	40'	5 cu. yards ready mix
18-1/2"	16"	65	400'	300 sxs CIRCULATE
13-3/4"	10-3/4"	45.50 & 51	5200'	4500 sxs
9-1/2"	7-5/8"	29.7 & 39	12,000'	500 sxs
6-1/2"	5"	23	14,500'	260 sxs

Blowout Preventor Stack to 5200'
 Shaffer Rotaring Head
 GK Hydril 12" 3000#
 Cameron ZRC Single 12" 5000# w/pipe rams
 Cameron spool 12" 5000# w/4" 5000# outlets
 Cameron ZRL single 12" 5000# w/blind rams

Blowout Preventor Stack from 5200' to TD
 Shaffer Rotaring Head
 GK Hydril 10" 5000#
 Type V Cameron single preventor w/pipe rams
 Cameron Drlg spool 11" 10,000# w/4" 19,000# outlets
 Type V Cameron double 11" 10,000# blind & pipe rams

DRILLING MUST BE IN COMPLIANCE WITH THE ATTACHED "DRILLING WELL CONTROL REQUIREMENTS" DATED 6-22-73

Mud Program
 Surface: (400') Fresh water-gel-lime mud 40-50 vis; First Intermediate: (400'-5200') 10# brine w/lost circulation material for seepage; 2nd Intermediate: (5200'-12,000') fresh water w/detergent to 8200', convert to control brine (9.1# to 9.3#) & visquick; Liner Point: (12,000'-13,500') fresh water lignosulfanate system w/38 vis, wt. 10.2#/gal. Wt. will be increased as shale and pressures zones indicate.

24. SIGNED W. D. Ruge **TITLE** Vice President **DATE** 9/24/74

(This space for Federal or State office use)

PERMIT NO. _____ **APPROVAL DATE** _____

APPROVED BY _____ **TITLE** _____

CONDITIONS OF APPROVAL, IF ANY:

**APPROVED
AS AMENDED
OCT 30 1974
ARTHUR R. BROWN
DISTRICT ENGINEER**